



ENVIRONMENT  
& ENERGY  
CONSULTANTS inc.

FILE: MALINE CREEK

- INDUSTRIAL HYGIENE
- ENGINEERING
- MICROSCOPY
- CHEMISTRY
- SAFETY

Report No. 94-11-01412

P.O. #99630

Site: Maline Creek  
ID # MO980631162  
Break: 1.3  
Other: Environ & Energy Consult  
11-30-94

November 30, 1994

Determination of asbestos content by transmission electron microscopy on thirty-one (31) bulk samples submitted on November 21, 1994.

EPA Lab  
25 Funston Road  
Kansas City, KS 66101

Attn: Mr. Don Hamera

TEST REPORT

<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4131	6888	84.0%	77.0%	Chrysotile, Trace, Less Than 1%
4119	6889	83.0%	81.0%	None Detected, Less Than 1% If Present
4313	6890	95.0%	90.0%	None Detected, Less Than 1% If Present
4269	6891	77.0%	60.0%	Chrysotile, Greater Than 1%
4173	6892	90.0%	85.0%	Chrysotile, Trace, Less Than 1%

07KF 30290442 1.0  
Superfund  
0400

RECEIVED

DEC 13 1994

SPFD BRANCH  
REGION VII



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<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4325	6893	87.0%	79.0%	Chrysotile, Greater Than 1%
4319	6894	94.0%	72.0%	Chrysotile, Greater Than 1%
4311	6895	80.0%	76.0%	None Detected, Less Than 1% If Present
4231	6896	75.0%	30.0%	Chrysotile, Greater Than 1%
4323	6897	88.0%	71.0%	Chrysotile, Greater Than 1%
4185	6898	93.0%	77.0%	Chrysotile, Trace, Less Than 1%
4167	6899	76.0%	71.0%	None Detected, Less Than 1% If Present
4279	6900	85.0%	77.0%	None Detected, Less Than 1% If Present



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<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4285	6901	85.0%	74.0%	None Detected, Less Than 1% If Present
4309	6902	89.0%	87.0%	None Detected, Less Than 1% If Present
4145	6903	79.0%	72.0%	Chrysotile, Greater Than 1%
4109	6904	83.0%	81.0%	Chrysotile & Amosite, Trace, Less Than 1%
4193	6905	66.0%	58.0%	Chrysotile, Trace, Less Than 1%
4283	6906	75.0%	62.0%	Chrysotile, Greater Than 1%
4247	6907	88.0%	83.0%	Chrysotile, Trace, Less Than 1%
4235	6908	80.0%	73.0%	Chrysotile, Trace, Less Than 1%



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Page Four

<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4201	6909	91.0%	83.0%	None Detected, Less Than 1% If Present
4187	6910	83.0%	80.0%	None Detected, Less Than 1% If Present
4113	6911	94.0%	88.0%	None Detected, Less Than 1% If Present
4151	6912	86.0%	85.0%	None Detected, Less Than 1% If Present
4139	6913	90.0%	85.0%	Chrysotile, Trace, Less Than 1%
4213	6914	88.0%	85.0%	None Detected, Less Than 1% If Present
4249	6915	89.0%	86.0%	None Detected, Less Than 1% If Present
4179	6916	93.0%	85.0%	Chrysotile, Trace, Less Than 1%



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<u>Sample Identification</u>	<u>E.E.C. Lab No.</u>	<u>Residue After Ashing</u>	<u>Residue After Acid Extraction</u>	<u>Asbestos Concentration</u>
4219	6917	90.0%	86.0%	Chrysotile, Trace, Less Than 1%
4259	6918	93.0%	61.0%	None Detected, Less Than 1% If Present

Analysis conducted in accordance with SOP-1988-02 Rev. 1; Analysis of Resilient Floor Tile by Eric J. Chatfield.

Susan Barnes: Susan Barnes  
Electron Microscopist

Kelly Vaccaro: Kelly Vaccaro  
Electron Microscopist

Date Completed: November 30, 1994

Respectfully submitted,

Roman J. Narconis, Jr.  
Roman J. Narconis, Jr., Mgr.  
Electron Microscopy Lab  
Microanalytical Lab

RN/nm